Amendment dated December 22, 2003 Reply to Office Action of October 3, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

Claim 1 (currently amended): A computer user interface comprising:

a plurality of document pages;

at least one two of the document pages including at least one link;

at least one of the links having a property that indicates a display format for at least a respective one of the links; and

the display format of the at least one respective link being based on the property indicating the display format.

Claim 2 (currently amended): The user interface of claim 1 wherein the display format of the at least one respective link is based upon an examination of the content of a target document associated with the at least one respective link's target document.

Claim 3 (original): The user interface of claim 1 wherein at least one of the links has a property indicating the display update latency of the at least one of the links.

Claim 4 (original): A computer readable medium having computer-executable instructions for performing the steps of:

in response to activation of a first link by a user, navigating to a document page and displaying the document page in a first display format;

in response to activation of a second link by a user, the second link being different than the first link and linking to the same page linked to by the first link, navigating to the linked-to document page and displaying the document page in a second display format, the second display format being different than the first display format;

the first display format depending upon at least one property of the first link; and the second display format depending upon at least one property of the second link.



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Claim 5 (original): A computer readable medium having computer executable instructions for performing the steps of:

providing a plurality of user interface document pages to a user, at least one of the user interface document pages having at least one link;

providing a plurality of user content pages to a user, at least one of the user content document pages having at least one link; and

indicating via at least one link property a display format for at least one of the links on either the user interface document pages or the user content pages.

Claim 6 (original): The computer readable medium of claim 5 having further executable instruction for performing steps comprising:

displaying, in a display frame in a linked-from document page, information about a linked-to document.

Claim 7 (original): The computer readable medium of claim 5 having further executable instruction for performing steps comprising:

displaying, in a display frame in a linked-from document page, content of a linked-to document.

Claim 8 (original): The computer readable medium of claim 7 having further executable instruction for performing steps comprising:

updating the display of the linked-to content at a rate specified by a property of the link linking the linked-from and linked-to document pages.

Claim 9 (original): The computer readable medium of claim 5 having further executable instructions for performing steps comprising:

using heuristics to automatically provide most-likely-to-use links to additional material.

Claim 10 (original): The computer readable medium of claim 9 having further executable instructions for performing steps comprising:

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providing at least one of the most-likely-to-use links based upon documents previously navigated to by the user.

Claim 11 (original): The computer readable medium of claim 9 having further executable instructions for performing steps comprising:

providing at least one of the most-likely-to-use links based upon documents having subject matter similar to a document being viewed by the user.

Claim 12 (original): The computer readable medium of claim 9 having further executable instructions for performing steps comprising:

providing at least one of the most-likely-to-use links based upon documents created by an author who is the same as the author of a document being viewed by the user.

Claim 13 (original): The computer readable medium of claim 9 having further executable instructions for performing steps comprising:

providing at least one of the most-likely-to-use links based upon documents created during a first time period substantially the same as a time period during which a document being viewed by the user was created.

Claim 14 (currently amended): The computer readable medium of claim 5 having further executable instructions for performing steps comprising:

using heuristics to automatically provide a set of command choices to the user.

Claim 15 (original): The computer readable medium of claim 14 having further executable instructions for performing steps comprising:

including at least one command in the set of command choices based upon analysis of the user's current document context.

Claim 16 (original): The computer readable medium of claim 14 having further executable instructions for performing steps comprising:



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including at least one command in the set of command choices based upon a set of commands recently invoked by the user.

Claim 17 (original): The computer readable medium of claim 14 having further executable instructions for performing steps comprising:

including at least one command in the set of command choices based upon commands the user has invoked most frequently in the past from contexts substantially the same as the user's current context.

Claim 18 (original): The computer readable medium of claim 5 wherein at least one of the user content document pages is an e-mail message, the computer readable medium having further executable instruction for performing steps comprising:

displaying at least one link within an e-mail message document page, the associated link, upon activation, causing command code to be executed to perform an operation selected from the group consisting of: reply, reply to all, forward, and delete.

Claim 19 (new): The computer user interface of claim 1, wherein one of the links provides an association between two different spots in the document pages.

Claim 20 (new): The computer user interface of claim 19, wherein the two different spots are on the same page.

Claim 21 (new): The computer user interface of claim 1, wherein one of the links relates a spot in a document page with an executable object.

